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AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for managing an optical recording medium having at

least one defective area in a user data area, said method comprising:

recording data recorded in the defective area in a spare area of the optical recording

medium as replacement data and providing a first temporary defect list having a defect entry for

the at least one defective area;

recording, in a temporary defect management area, a cumulative temporary defect list for

an additional defective area in the user data area, wherein the cumulative temporary defect list

includes the first temporary defect list previously recorded and at least one additional defective

entry for any additional defective area; and

recording latest cumulative temporary defect list recorded in the temporary defect

management area in a final defect management area when the recording medium is to be

finalized,

wherein the temporary defect management area is separately positioned from the final

defect management area.

2. (Previously Presented) The method according to claim 1, further comprising recording

information for accessing the cumulative temporary defect list as temporary disc definition

structure information in a temporary disc definition structure area of the temporary defect

management area.

3. (Previously Presented) The method according to claim 2, wherein the cumulative

temporary defect list and the temporary disc definition structure information are recorded in the

same area of the temporary defect management area.

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## 4. (Canceled)

5. (Previously Presented) The method according to claim 2, further comprising recording the temporary disc definition structure information in a the final defect management area when the recording medium is to be finalized.

## 6. (Canceled)

7. (Original) The method according to claim 1, wherein the optical recording medium is a Blu-ray disc of writable once type (BD-WO).

## 8. (Canceled)

- 9. (Original) The method according to claim 1, wherein each of the first temporary defect list and the cumulative temporary defect list includes management information for the data within the respective defective areas.
- 10. (Original) The method according to claim 9, wherein the management information includes a first physical sector number of the replacement data for each defect entry and a first physical sector number of a defective area for each defect entry.
- 11. (Original) The method according to claim 1, wherein the spare area of the optical recording medium includes an inner spare area and an outer spare area, and the step of recording data recorded in the defective area utilizes at least one of the inner spare area and the outer spare area.

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12. (Original) The method according to claim 1, wherein the cumulative temporary

defect list is repeatedly recorded in at least two areas of the optical recording medium.

13. (Original) The method according to claim 12, wherein the at least two areas of the

optical recording medium are a portion of a data area and a lead-in area of the optical recording

medium.

14. (Original) The method according to claim 13, wherein the portion of the data area is

an area adjacent to an outer spare area of the optical recording medium.

15. (Original) The method according to claim 12, wherein the at least two areas of the

optical recording medium are front and end parts of a data area of the optical recording medium.

16. (Original) The method according to claim 12, further comprising recording temporary

disc definition structure information in a lead-in area of the optical recording medium.

17. (Currently Amended) A recording medium comprising:

at least one spare area within a data area;

a temporary defect management area for managing replacement data of at least one

defective area within a user data area of the data area;

a cumulative temporary defect list stored within the temporary defect management area,

wherein the cumulative temporary defect list includes management information for the

replacement data of said at least one defective area cumulatively recorded and management

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information for replacement data for at least one additional defective area of the user data area;

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and

a final defect management area for storing latest cumulative temporary defect list

recorded in the temporary defect management area when the recording medium is to be finalized,

wherein the temporary defect management area is separately positioned from the final

defect management area.

18. (Previously Presented) The recording medium according to claim 17, further

comprising a temporary disc definition structure within a lead-in area of the recording medium,

wherein recording information for accessing the cumulative temporary defect list is stored as

temporary disc definition structure information within the temporary disc definition structure.

19. (Original) The recording medium according to claim 18, wherein the cumulative

temporary defect list and the temporary disc definition structure information are recorded in the

lead-in area of the optical recording medium.

20. (Original) The recording medium according to claim 19, wherein the cumulative

temporary defect list and the temporary disc definition structure information are recorded in a

temporary defect management area of the optical recording medium.

21. (Previously Presented) The recording medium according to claim 18, wherein the

final defect management area further includes latest temporary disc definition structure

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information when the recording medium is to be finalized.

22. (Canceled)

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23. (Original) The recording medium according to claim 17, wherein the recording

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medium is a Blu-ray disc of writable once type (BD-WO).

24. (Canceled)

25. (Previously Presented) The recording medium according to claim 17, wherein each of

the management information of the cumulative temporary defect list includes a first physical

sector number of the replacement data for each defect entry and a first physical sector number of

a defective area for each defect entry.

26. (Original) The recording medium according to claim 17, wherein the at least one

spare area includes an inner spare area and an outer spare area, and the replacement data for the

at least one defective area is located in at least one of the inner spare area and the outer spare

area.

27. (Original) The recording medium according to claim 17, wherein the cumulative

temporary defect list is repeatedly recorded in at least two areas of the recording medium.

28. (Original) The recording medium according to claim 27, wherein the at least two

areas of the recording medium are a portion of a data area and a lead-in area of the recording

medium.

29. (Original) The recording medium according to claim 28, wherein the portion of the

data area is an area adjacent to an outer spare area of the recording medium.

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30. (Previously Presented) The recording medium according to claim 27, wherein the at

least two areas of the recording medium are front and end parts of a data area of the recording

medium.

31. (Original) The recording medium according to claim 27, further comprising:

a lead-in area to store therein temporary disc definition structure information.

32. (Currently Amended) An apparatus for managing an optical recording medium

having at least one temporary defect management area, and a spare area in a data area, said

apparatus comprising:

a recording unit configured tomeans for recording data recorded in at least one defective

area of the spare area of the optical recording medium as replacement data and to provideing a

first temporary defect list having a defect entry for the at least one defective area,

the recording unit being configured to means for recording, in a temporary defect

management area, a cumulative temporary defect list for an additional defective area in a user

data area, wherein the cumulative temporary defect list includes the first temporary defect list

previously recorded and at least one additional defective entry for any additional defective area,

and

the recording unit being configured to recording latest cumulative temporary defect list

recorded in the temporary defect management area in a final defect management area when the

recording medium is to be finalized,

wherein the temporary defect management area is separately positioned from the final

defect management area.

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33. (Currently Amended) A method for managing an optical recording medium having at

least one defective area in a user data area, said method comprising:

recording data recorded in the defective area in a spare area of the optical recording

medium as replacement data;

recording a first data block in a temporary defect management area, the first data block

including a first defect list comprising one or more first defect entry and access information, the

first defect entry including position information of defective area and a replacement area of the

spare area and the access information indicating the position of the first defect list; and

recording a second data block in the temporary defect management area, the second data

block including a second defect list comprising a plurality of defect entries and access

information, the plurality of defect entries including the first defect entry and a new second

defect entry and the access information indicating the position of the second defect list, the new

second defect entry including position information of new defective area and a new replacement

area of the spare area,

wherein the first data block, the second data block and the next data block are recorded in

different areas of the temporary defect management area,

wherein a latest cumulative defect list is transferred from the temporary defect

management area to a final defect management area upon finalization, and

wherein the temporary defect management area is separately positioned from the final

defect management area.

34. (Previously Presented) The method of claim 33, wherein the first data block is a

single data unit.